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15 LIFE ON LAND

SUSTAINABLE DEVELOPMENT GOALS

Lake Rejuvenation to Nagarakere Lake

SUSTAINABLE DEVELOPMENT GOALS

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EVENT REPORT

Lake Rejuvenation to Nagarakere Lake, Doddaballapura on the Occasion of World Environment Day 2026

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1. About Event

*On the occasion of **World Environment Day**, a Lake Rejuvenation was organized to **Nagarakere Lake, Doddaballapura** on **5 June 2026** for **M.Tech students and faculty members**. The event was conducted as part of environmental awareness and lake rejuvenation initiatives, providing participants with practical exposure to sustainable environmental practices and ecosystem restoration activities.*

The visit aimed to promote environmental responsibility, conservation awareness, and community participation in restoring natural water bodies. Participants had the opportunity to observe ongoing lake rejuvenation efforts, understand ecological challenges, and engage in discussions on sustainable environmental management.

*The program was organized by **Presidency University** in collaboration with the **Institutional Social Responsibility (ISR) Cell** and **Nagarakere Jeeva-Vaividhyate Samrakshana Samiti**, which served as a knowledge partner for lake rejuvenation work.*

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2. Event Details

- **Title:** Field Visit to Nagarakere Lake, Doddaballapura
- **Occasion:** World Environment Day 2026
- **Date:** 5 June 2026
- **Venue:** Nagarakere Lake, Doddaballapura
- **Participants:** 5 M.Tech Students and 4 Faculty Members
- **Organized By:** Presidency University

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- **In Collaboration With:** Institutional Social Responsibility (ISR) Cell and Nagarakere Jeeva-Vaividhyate Samrakshana Samiti
- **Convenors:** Mr. Vanitha R
- **Coordinators:** Mr. Sumaanth M – ISR Cell
- **Theme:** Exploring Sustainable Practices and Environmental Restoration

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3. Objectives

The lake rejuvenation was organized with the following objectives:

- To **create awareness about environmental conservation and sustainability.**
- To **understand the importance of lake ecosystems and biodiversity preservation.**
- To **provide practical exposure to lake rejuvenation and restoration activities.**
- To **encourage community participation in environmental protection initiatives.**
- To **promote responsible environmental practices among students and faculty.**
- To **observe real-world applications of sustainable development concepts.**
- To **foster environmental stewardship and ecological responsibility.**

Institutional Social Responsibility

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4. Program Proceedings

The lake rejuvenation commenced with an introduction to the significance of **World Environment Day** and the importance of conserving natural water bodies. Representatives from the collaborating organizations briefed participants about the history, ecological significance, and ongoing rejuvenation efforts at Nagarakere Lake.

Participants were guided through different sections of the lake ecosystem, where they observed various restoration activities aimed at improving water quality, biodiversity conservation, and habitat enhancement. Discussions were conducted on the challenges faced by urban and semi-urban lakes, including pollution, encroachment, and ecological degradation.

During the time, the NGO team provided a comprehensive overview of the lake rejuvenation project and explained the various stages involved in the restoration process. Participants gained insights into activities such as **desilting**, **water quality improvement**, **biodiversity enhancement**, and **community participation**, all of which play a crucial role in restoring and maintaining the ecological balance of the lake. The team also discussed

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future development plans being proposed in collaboration with government authorities to ensure the long-term sustainability and effective management of the lake ecosystem.

A detailed interactive session was conducted on the significance of **manholes and drainage systems** in urban water management. Participants learned how efficient wastewater flow management and proper drainage infrastructure help prevent contamination of water bodies, reduce environmental pollution, and support successful lake conservation efforts.

The visit further emphasized the importance of **rainwater harvesting** and **water conservation practices** at the household and community levels. NGO representatives demonstrated simple and practical methods for collecting and utilizing rainwater, highlighting how such practices can reduce dependence on external water sources, promote sustainable water usage, and contribute to groundwater recharge. The session encouraged participants to adopt these environmentally responsible practices in their daily lives and advocate for their implementation within their communities.

The visit also included interactive sessions focusing on:

- Water conservation and sustainable water management.
- Biodiversity protection and ecosystem restoration.
- Community-driven environmental initiatives.
- The role of educational institutions in promoting sustainability.
- Best practices for environmental conservation and climate resilience.

Institutional Social Responsibility

Students and faculty actively participated in field observations, documentation activities, and discussions regarding environmental restoration strategies. The visit provided valuable insights into the practical aspects of environmental management and sustainable development.

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5. Outcomes & Impact

The lake rejuvenation successfully enhanced participants' understanding of environmental conservation and sustainable ecosystem management.

Key Outcomes Included:

- Increased awareness about the importance of lake ecosystems.
- Better understanding of lake rejuvenation and restoration processes.
- Enhanced knowledge of biodiversity conservation practices. • Exposure to reallife environmental sustainability initiatives.
- Improved understanding of rainwater harvesting and water conservation techniques.
- Increased awareness of urban water management systems and drainage infrastructure.
- Greater appreciation for community participation in conservation efforts.
- Development of environmental responsibility among participants.
- Strengthened commitment toward sustainable environmental practices.

The program encouraged participants to become active contributors to environmental protection and sustainability initiatives within their communities and institutions.

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6. SDG Alignment

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The event aligned with the following **United Nations Sustainable Development Goals (SDGs):**

- **SDG 6 – Clean Water and Sanitation:**Promoting sustainable management, conservation, and efficient utilization of water resources.
- **SDG 11 – Sustainable Cities and Communities:** Supporting environmental sustainability through ecosystem restoration and community participation.
- **SDG 13 – Climate Action:** Encouraging awareness and actions that contribute to environmental resilience and climate adaptation.
- **SDG 14 – Life Below Water:** Promoting protection and restoration of freshwater ecosystems and aquatic biodiversity.
- **SDG 15 – Life on Land:** Supporting biodiversity conservation, ecological restoration, and habitat protection.
- **SDG 17 – Partnerships for the Goals**

Strengthening collaboration between educational institutions, NGOs, and local communities for environmental sustainability.

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7. Conclusion

The lake rejuvenation to **Nagarakere Lake, Doddaballapura**, organized on the occasion of **World Environment Day 2026**, was highly informative and impactful. The program provided participants with first-hand exposure to environmental restoration initiatives and highlighted the importance of collective efforts in conserving natural resources.

Through field observations, expert interactions, and engaging discussions, participants gained valuable insights into lake rejuvenation, biodiversity conservation, urban water management, rainwater harvesting, and sustainable environmental practices. The event successfully demonstrated how collaborative efforts between educational institutions, NGOs, local communities, and government agencies can contribute to long-term environmental sustainability.

The visit achieved its objectives of promoting environmental awareness, fostering ecological responsibility, and inspiring participants to adopt sustainable practices in their personal and professional lives. The program concluded with a renewed commitment from students and faculty to actively contribute towards environmental conservation and sustainable development initiatives for a greener future.

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Poster

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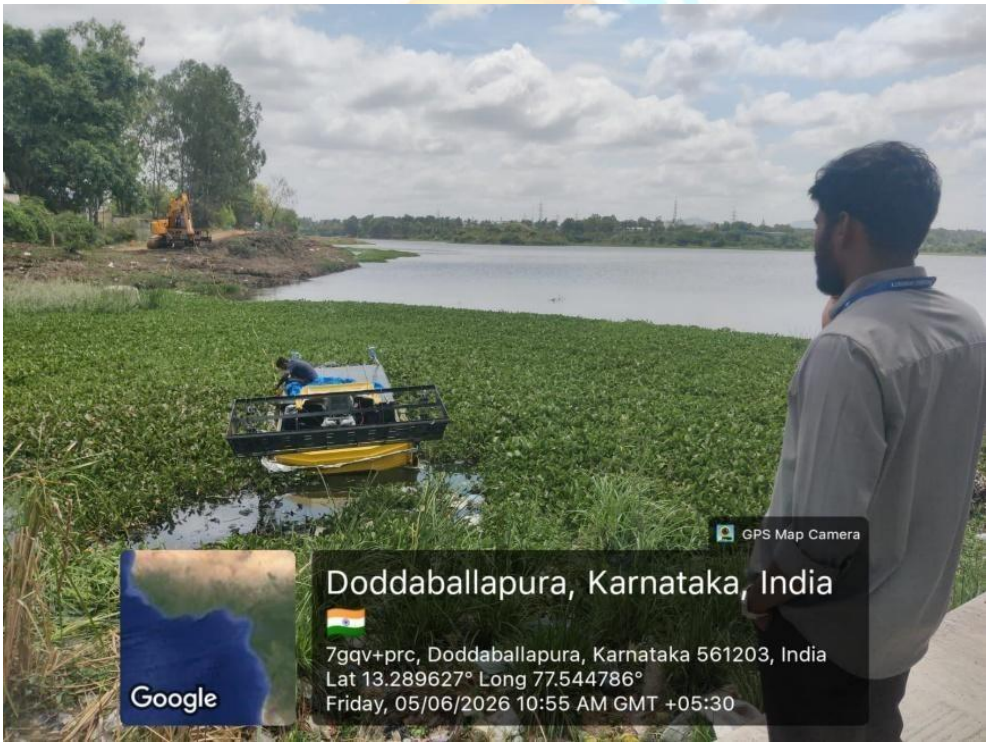
Event Picture:



Attendees List:

S.No	Name of the Faculty
1	Karthik M H
2	Dr. Shwetha A
3	Dr. Niveditha
4	Divya Nair

S.No	Name of the Students
1	Ajay Angadi
2	Prakruthi
3	Shonith Kumar
4	Rishi
5	Anup
6	Vivek

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